L11 ANSWER 9 OF 35 CA COPYRIGHT 2006 ACS on STN
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TI **Cationic** exchanger for ammonium ion **removal**
IN Shimura, Kazuhiro; Uehara, Masabumi; Watanabe, Shinya
PA Kuraray Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
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AB The **cation exchanger** containing 10-2 parts calcium salt-type resin, 13-4 parts potassium salt-type resin, and sodium salt-type resin is used for **removing** ammonium ion from **blood** or body fluid without lowing concns. of other important ions. Thus, RCP 160H was treated with NaOH for preparing the Na-type exchanger, with Ca salt for preparing the Ca-type exchanger, and with K salt for preparing the K-type exchanger. **Cation exchanger** resins containing Na resin:Ca resin:K resin = 90:5:5 or 87.5:5:7.5 were used for **removing** NH4+ from bovine **blood** without changing the concns.of K and Ca.